

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/EP 2004/012295

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61L15/32 A61K38/17 C07K14/435

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, BIOSIS, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ALTMAN G H ET AL: "Silk-based biomaterials" BIOMATERIALS, ELSEVIER SCIENCE PUBLISHERS BV., BARKING, GB, vol. 24, no. 3, February 2003 (2003-02), pages 401-416, XP004390660 ISSN: 0142-9612 page 402, right-hand column, paragraph 3 page 404, left-hand column, paragraph 2 page 411, right-hand column, paragraph 2 - page 414, left-hand column, paragraph 2 ----- -/--	1-32, 34, 37-39, 41-44, 73-76, 78

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

10 August 2005

Date of mailing of the international search report

22/08/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZHANG Y-Q: "Applications of natural silk protein sericin in biomaterials" BIOTECHNOLOGY ADVANCES, ELSEVIER PUBLISHING, BARKING, GB, vol. 20, no. 2, May 2002 (2002-05), pages 91-100, XP004357337 ISSN: 0734-9750 page 92, paragraphs 4,5 page 95, paragraph 2-4 page 97, paragraph 4 page 98, paragraph 3	1-32, 34-39, 41-48, 54-57, 73-76,78
X	HIRANO S ET AL: "Chemical Modification and some Aligned Composites of Chitosan in a Filament State" MACROMOLECULAR BIOSCIENCE 15 OCT 2003 GERMANY, vol. 3, no. 10, 15 October 2003 (2003-10-15), pages 620-628, XP002340087 ISSN: 1616-5187 abstract page 621, right-hand column, paragraph 2	1-20,22, 25,32, 34, 37-39, 41,42, 47,57,73
X	US 2003/087433 A1 (TSUBOUCHI KOZO ET AL) 8 May 2003 (2003-05-08) claims	1-23, 30-32, 37-39, 41-44, 47,48, 73,74
A	OKAMOTO H ET AL: "STRUCTURAL ANALYSIS OF SERICIN GENES HOMOLOGIES WITH FIBROIN GENE IN THE 5' FLANKING NUCLEOTIDE SEQUENCES" JOURNAL OF BIOLOGICAL CHEMISTRY. (MICROFILMS), AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 257, no. 24, 25 December 1982 (1982-12-25), pages 15192-15199, XP002907485 figure 4	1-78

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003087433 A1	08-05-2003	JP 2002128691 A	09-05-2002
		CN 1406276 A	26-03-2003
		EP 1335018 A1	13-08-2003
		WO 0234885 A1	02-05-2002